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0007893352
WPI Acc no: 1996-116963/199612
Related WPI Acc No: 1997-402201
XRAM Acc no: C1996-037066
Novel antiinflammatory substd. imidazole cpds. – useful for treating e.g. arthritis, pain, fever
Patent Assignee: SEARLE & CO G D (SEAR)
Inventor: COLLINS P W; HUFF R M; KHANNA I K; KOSZYK F J; PARTIS R A; WEIER R M;

Patent Family (9 patents, 64 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1996003388	A1	19960208	WO 1995US9506	A	19950727	199612	B
AU 199532025	A	19960222	AU 199532025	A	19950727	199621	E
US 5616601	A	19970401	US 1994282395	A	19940728	199719	E
			US 1995464154	A	19950605		
EP 772600	A1	19970514	EP 1995928164	A	19950727	199724	E
			WO 1995US9506	A	19950727		
JP 10503211	W	19980324	WO 1995US9506	A	19950727	199822	E
			JP 1996505972	A	19950727		
EP 772600	B1	20020918	EP 1995928164	A	19950727	200269	E
			WO 1995US9506	A	19950727		
DE 69528273	E	20021024	DE 69528273	A	19950727	200278	E
			EP 1995928164	A	19950727		
			WO 1995US9506	A	19950727		
US 20030036557	A1	20030220	US 1994282395	A	19940728	200316	E
			US 1995464154	A	19950605		
			WO 1995US9506	A	19950727		
			WO 1997US300	A	19970124		
			US 1999101493	A	19990602		
			US 20014944	A	20011205		
ES 2183883	T3	20030401	EP 1995928164	A	19950727	200328	E

Priority Applications (no., kind, date): US 20014944 A 20011205; US 1999101493 A 19990(
1994282395 A 19940728; US 1995464154 A 19950605

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 1996003388	A1	EN	248	0	

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Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG					
AU 199532025	A	EN			Based on OPI patent	WO 1996003388
US 5616601	A	EN	67	0	C-I-P of application	US 1994282395
EP 772600	A1	EN		0	PCT Application	WO 1995US9506
					Based on OPI patent	WO 1996003388
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE					
JP 10503211	W	JA	274	0	PCT Application	WO 1995US9506
					Based on OPI patent	WO 1996003388
EP 772600	B1	EN			PCT Application	WO 1995US9506
					Based on OPI patent	WO 1996003388
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE					
DE 69528273	E	DE			Application	EP 1995928164
					PCT Application	WO 1995US9506
					Based on OPI patent	EP 772600
					Based on OPI patent	WO 1996003388
US 20030036557	A1	EN			C-I-P of application	US 1994282395
					C-I-P of application	US 1995464154
					Continuation of application	WO 1995US9506
					Continuation of application	WO 1997US300
					Continuation of application	US 1999101493
					C-I-P of patent	US 5616601
ES 2183883	T3	ES			Application	EP 1995928164
					Based on OPI patent	EP 772600

Alerting Abstract WO A1

Substd. imidazolyl cpds. of formula (I) and their salts are new. R1, R2 = aryl, cycloalkyl, cycloalkenyl, or heterocyclyl (all opt. substd. by alkylsulphonyl, aminosulphonyl, haloalkylsulphonyl, halo, alkylthio, alkyl, cyano, carboxyl, alkoxycarbonyl, haloalkyl, OH, alkoxy, hydroxyalkyl, alkoxyalkyl, haloalkoxy, NH2, alkylamino, arylamino and/or NO2); R3 = H, alkyl, haloalkyl, aralkyl, heterocycloalkyl, acyl, cyano, alkoxy, alkylthio, alkylthioalkyl, alkylsulphonyl, cycloalkylthio, cycloalkylthioalkyl, cycloalkylsulphonyl, cycloalkylsulphonylalkyl, cycloalkyloxy, cycloalkyloxyalkyl, haloalkylsulphonyl, arylsulphonyl, halo, hydroxyalkyl, alkoxyalkyl, alkylcarbonyl, arylcarbonyl, aralkylcarbonyl, heterocycloalkylcarbonyl, cyanoalkyl, azidoalkyl, aminoalkyl, alkylaminoalkyl, N-arylaminoalkyl, N-alkyl-N-arylaminoalkyl, carboxyalkyl, alkoxycarbonylalkyl, alkoxycarbonyl, haloalkylcarbonyl, carboxyl, aminocarbonyl, alkylaminocarbonyl, alkylaminocarbonylalkyl, heteroarylalkoxyalkyl, heteroaryloxyalkyl, heteroarylthioalkyl, aralkoxy, aralkylthio, heteroaralkoxy, heteroaralkylthio, heteroarylalkylthioalkyl, heteroaryloxy, heteroarylthio,

arylthioalkyl, aryloxyalkyl, arylthio, aryloxy, aralkylthioalkyl, aralkoxyalkyl, aryl or heterocyclc that at least one of R1 and R2 = aryl substd. by alkylsulphonyl, haloalkylsulphonyl or amino: USE – (I) are useful for the treatment of inflammation and inflammation-associated disorde as an antipyretic for the treatment of fever. (I) are useful for treating rheumatoid arthritis, the treatment of asthma, psoriasis, inflammatory bowel disease, Hodgkin;'s disease, type I c retinitis.

Title Terms /Index Terms/Additional Words: NOVEL; ANTIINFLAMMATORY; SUBSTITUTE ASTHMA

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
C07D-233/30			Main		"Version 7"
A61K-031/415; A61K-031/44; A61K-031/47; C07D-233/64; C07D-233/90; C07D-401/04; C07D-401/12; C07D-405/04; C07D-409/04			Secondary		"Version 7"
C07D-0233/32	A	I		R	20060101
C07D-0233/54	A	I		R	20060101
C07D-0233/90	A	I		R	20060101
C07D-0401/04	A	I		R	20060101
C07D-0403/04	A	I		R	20060101
C07D-0405/04	A	I		R	20060101
C07D-0409/04	A	I		R	20060101
C07D-0419/04	A	I		R	20060101
C07D-0233/00	C	I		R	20060101
C07D-0401/00	C	I		R	20060101
C07D-0403/00	C	I		R	20060101
C07D-0405/00	C	I		R	20060101
C07D-0409/00	C	I		R	20060101
C07D-0419/00	C	I		R	20060101

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DWPI Class: B03
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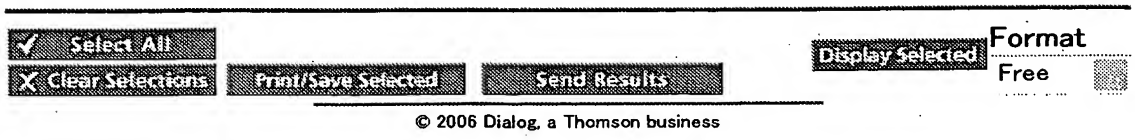

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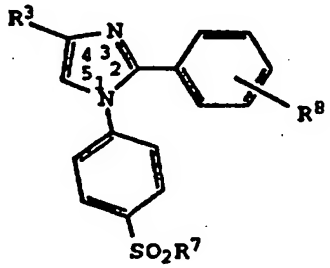
(54) Title: 1,2-SUBSTITUTED IMIDAZOLYL COMPOUNDS FOR THE TREATMENT OF INFLAMMATION

(57) Abstract

A class of imidazolyl compounds is described for use in treating inflammation. Compounds of particular interest are defined by formula (II), wherein R^3 is a radical selected from hydrido, alkyl, haloalkyl, aralkyl, heterocycloalkyl, acyl, cyano, alkoxy, alkylthio, alkylthioalkyl, alkylsulfonyl, cycloalkyloxy, cycloalkyloxyalkyle, cycloalkylthio, cycloalkylthioalkyl, cycloalkylsulfonyl, cyanoalkyl, cycloalkylsulfonylalkyl, haloalkylsulfonyl, azidoalkyl, arylsulfonyl, halo, hydroxyalkyl, alkoxyalkyl, arylthio, alkylcarbonyl, arylcarbonyl, aralkylcarbonyl, aryloxy, heterocycloalkylcarbonyl, alkylaminoalkyl, N-arylaminoalkyl, N-alkyl-N-arylaminoalkyl, carboxyalkyl, alkoxycarbonylalkyl, alkoxycarbonyl, haloalkylcarbonyl, aminocarbonyl, alkylaminocarbonylalkyl, aralkylthio, heteroarylalcoxyalkyl, heteroaryloxyalkyl, aralkoxy, heteroarylthioalkyl, heteroaralkoxy, heteroaralkylthio, heteroarylalkylthioalkyl, heteroaryloxy, heteroarylthio, arylthioalkyl, aryloxyalkyl, aralkylthioalkyl, aralkoxyalkyl, aryl and heteroaryl, wherein the aryl and heteroaryl radicals are optionally substitued at a substitutable position with one or more radicals selected from halo, alkylthio, alkylsufinyl, alkyl, cyano, haloalkyl, hydroxyl, alkoxy, hydroxyalkyl and haloalkoxy; wherein R^7 is a radical selected from alkyl and amino; and wherein R^8 is one or more radicals selected from hydrido, halo, alkyl, haloalkyl, alkoxy, amino, haloalkoxy, cyano, carboxyl, hydroxyl, hydroxyalkyl, alkoxyalkyl, alkylamino, nitro and alkylthio.



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